整理番号＝ＪＰ－２０００２８１４
【書類名】　図面
【図口】
提出日　平成１２年　３月２２日
特願2000-080556
頁：　1/8

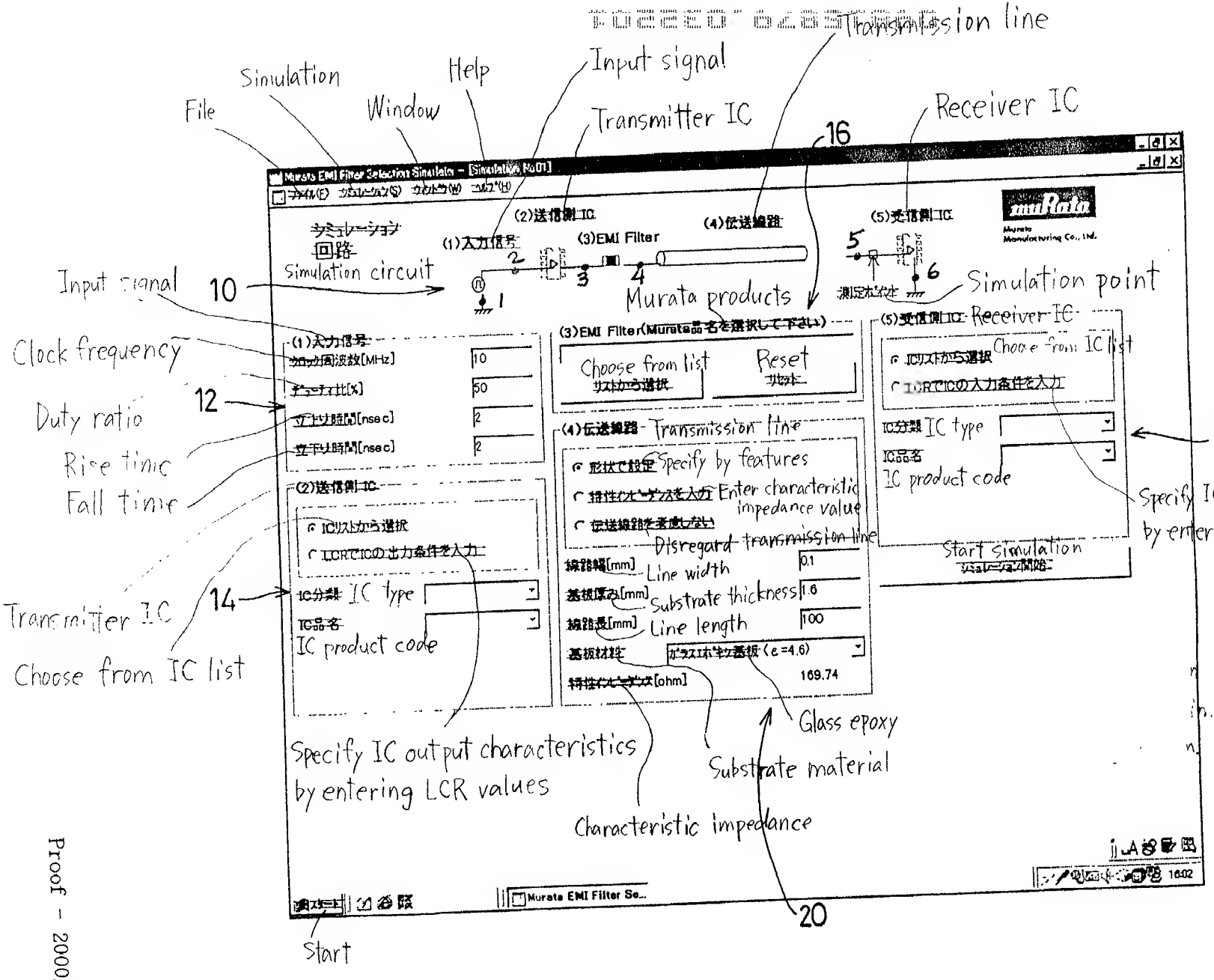

FIG. 1

Proof - 2000/03/22

【図２】

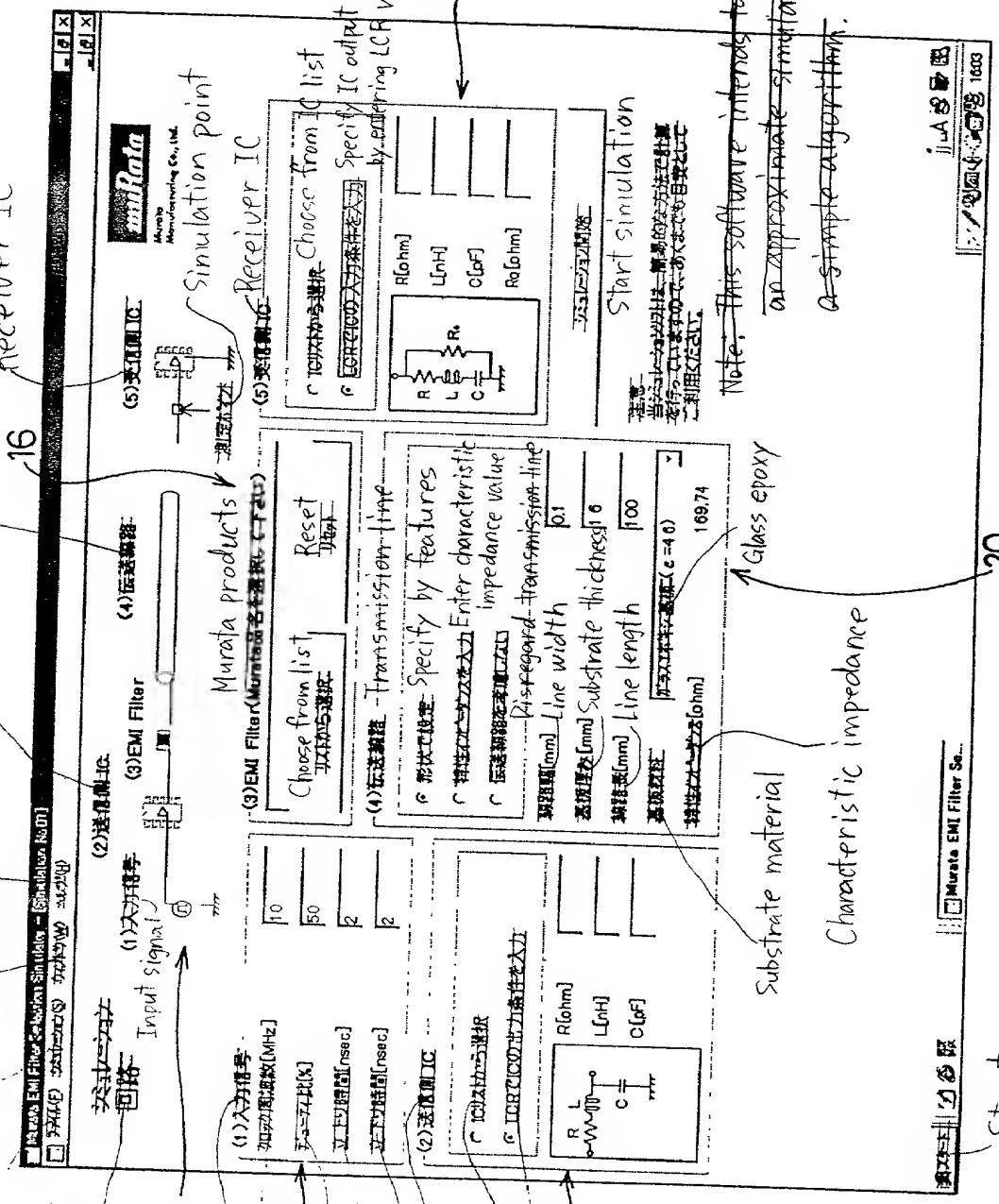
Simulation
File
Help
Window
Transmission line
Transmitter IC
Receiver IC
Simulation point
Murata products
Simulation circuit
Input signal
Clock frequency
Duty ratio
Rise time
Fall time
Transmitter IC
Choose from IC list
Specify IC output characteristics by entering LCR values
Substrate material
Characteristic impedance
Glass epoxy
Start
Choose from list
Reset
Specify by features
Enter characteristic impedance value
Start simulation
Note: This software intends to provide an approximate simulation using a simple algorithm.
10
12
14
16
20
22

FIG. 2

【図3】

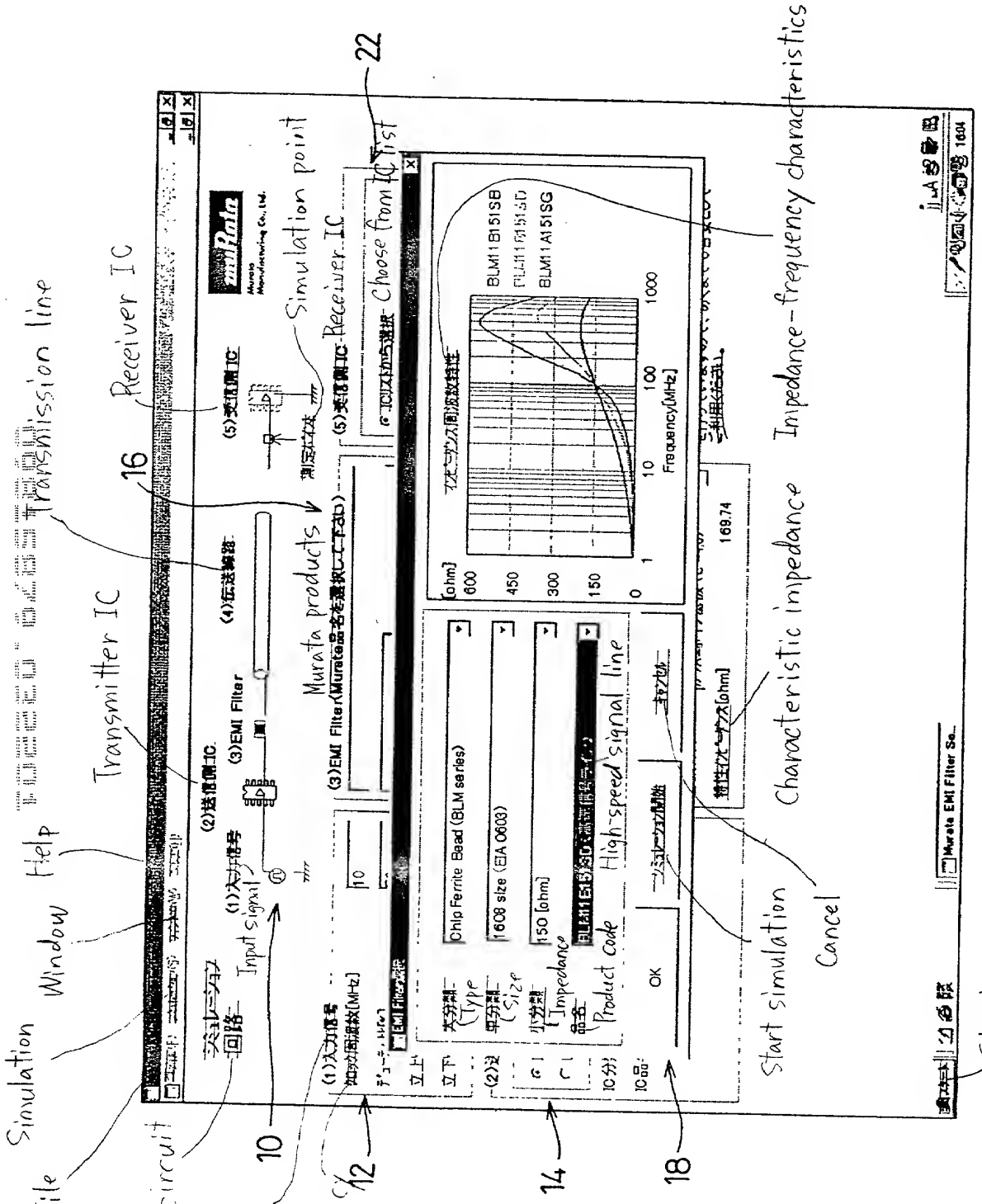
Simulation
File
Window
Help
Simulator circuit
Input signal
Clock frequency
Transmitter IC
Transmission line
Receiver IC
Simulation point
Murata products
Choose from list
Characteristic impedance
Impedance-frequency characteristics
Start simulation
Cancel
Start
Input Signal
Chip Ferrite Bead (BLM series)
1608 size (EIA 0603)
150 [ohm]
Impedance
Product Code
High-speed signal line
OK
BLM11B151SB
BLM11A151SG
Frequency[MHz]
10
100
1000
600
450
300
150
0
1
169.74
Murata EMI Filter Se...
10
12
14
16
18
22

FIG. 3

~~【図４】~~

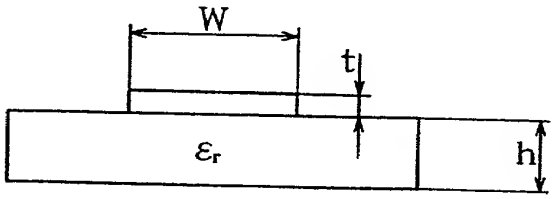

FIG. 4

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DOCKET ALARM

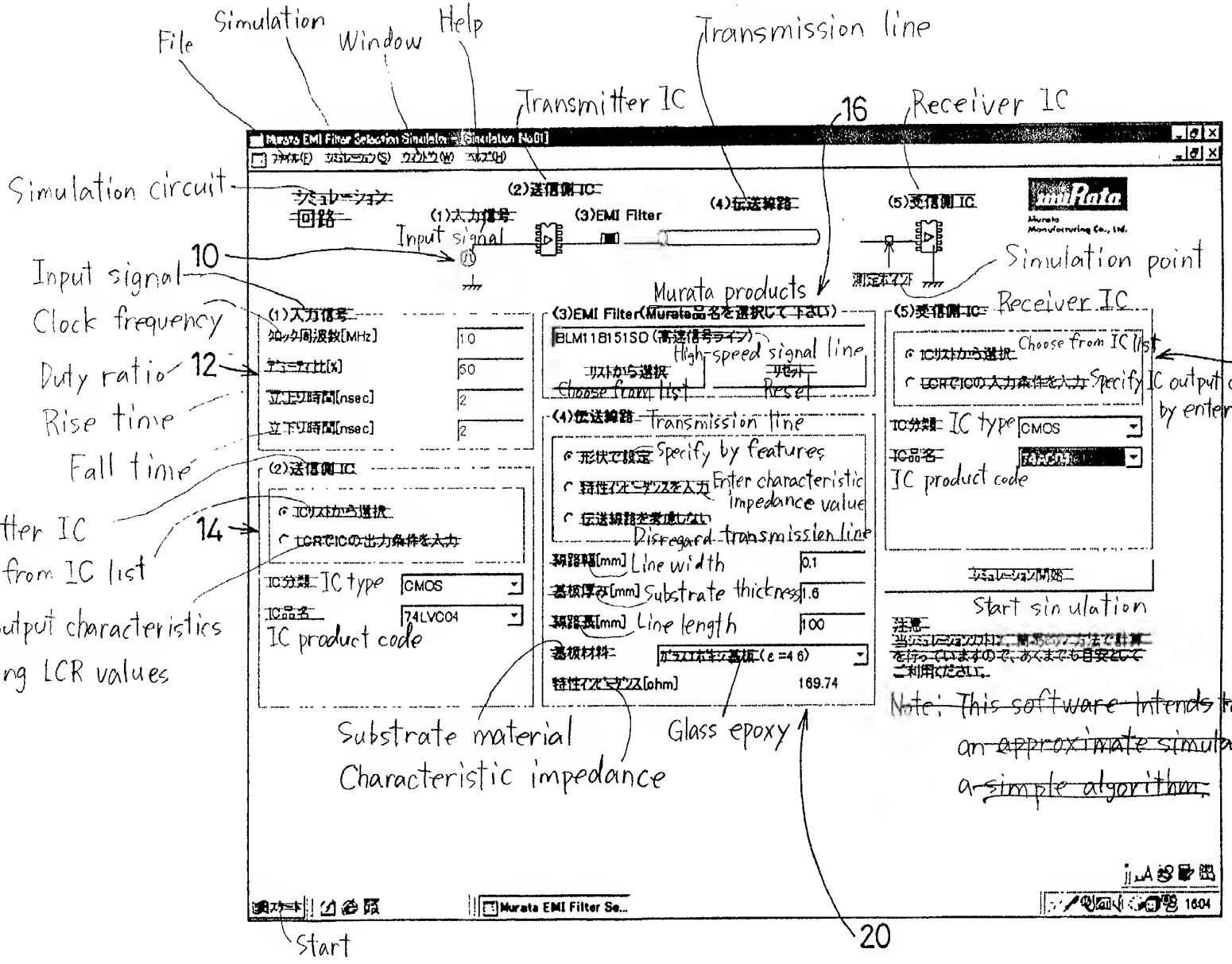

FIG. 5

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【図5】

【図6】

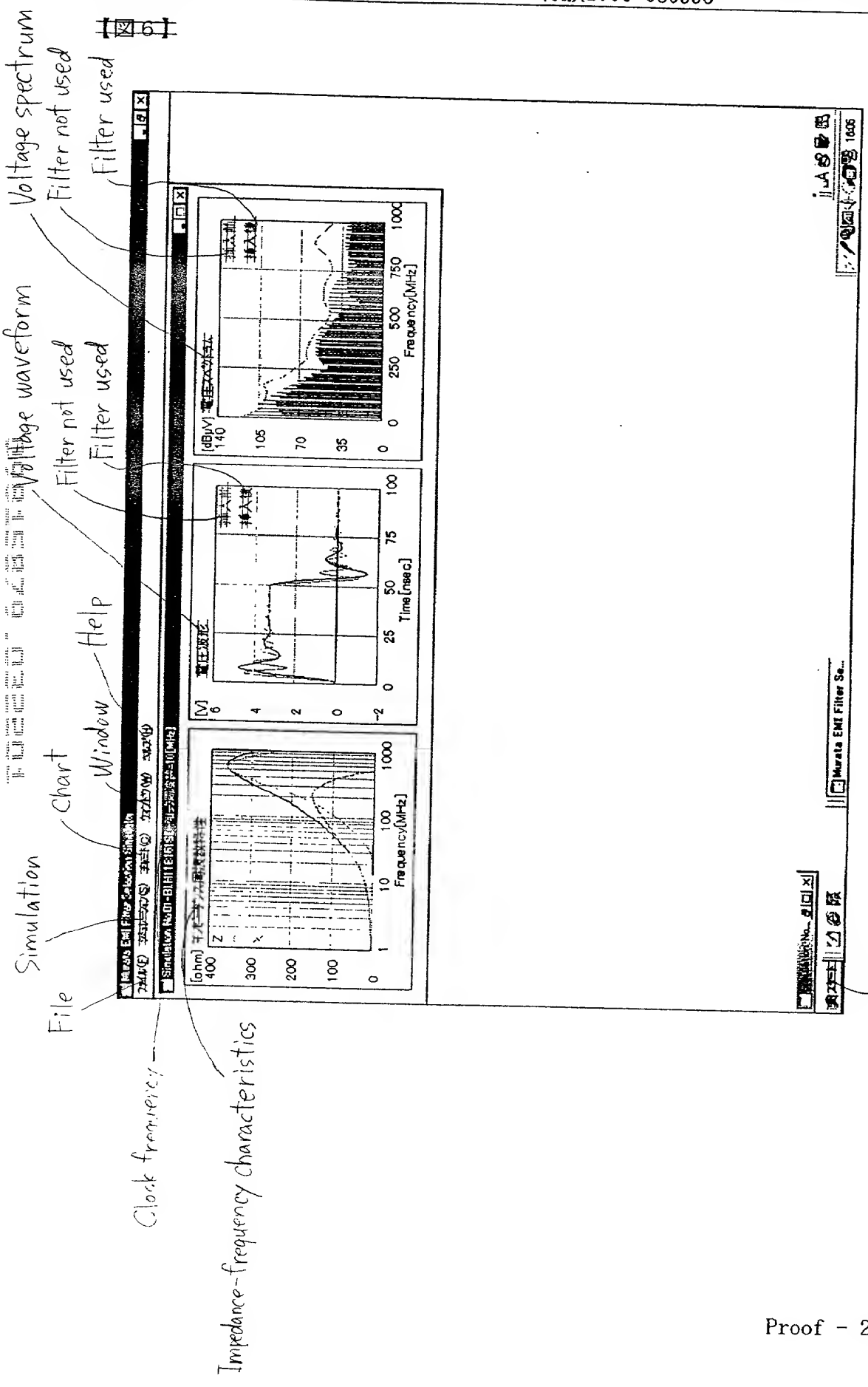

Voltage spectrum
Filter not used
Filter used
Voltage waveform
Filter not used
Filter used
Simulation
Chart
Window
Help
File
Clock frequency
Impedance-frequency characteristics
Start
Frequency[MHz]
Time[nsec]
Frequency[MHz]

FIG. 6

【図7】

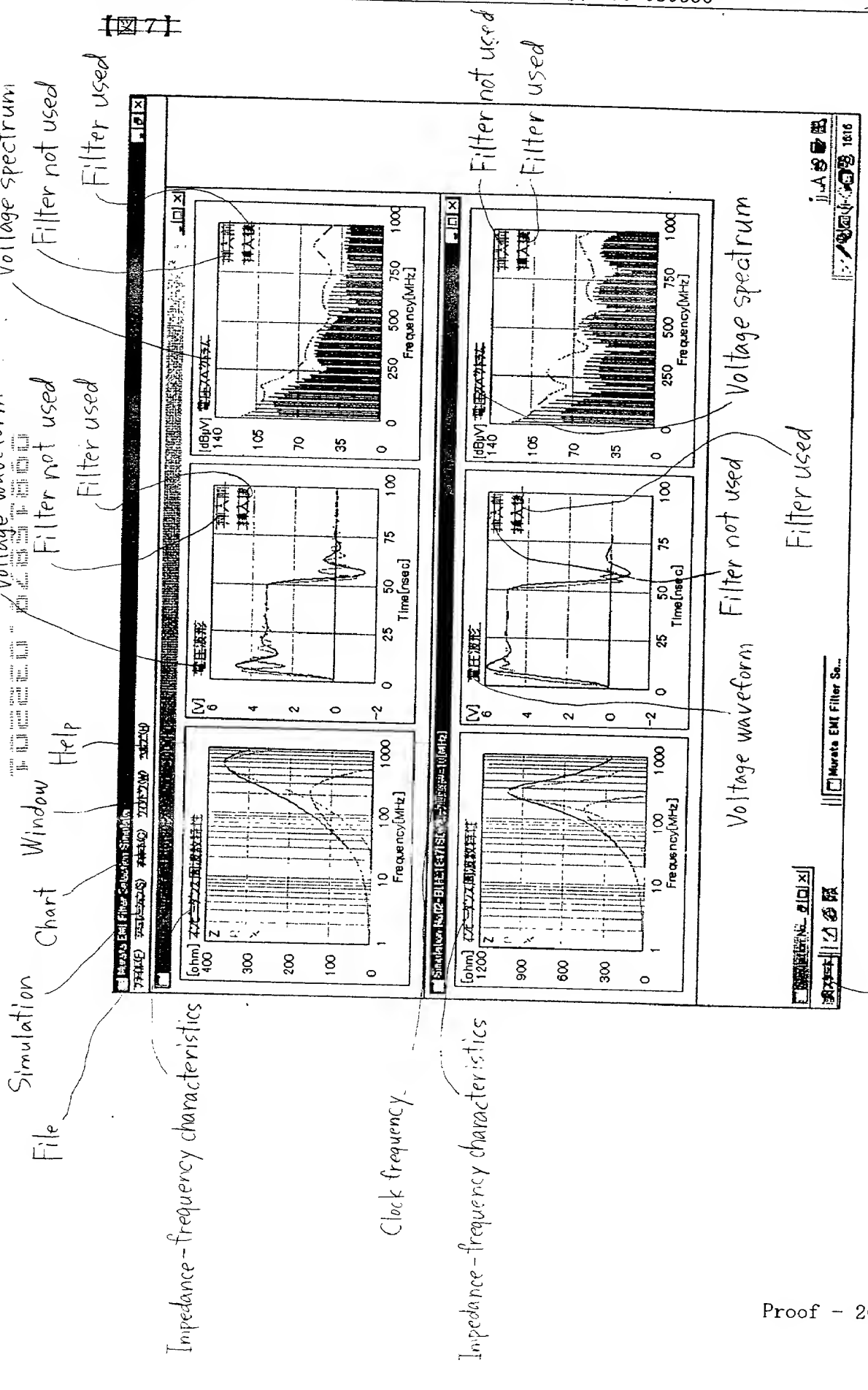
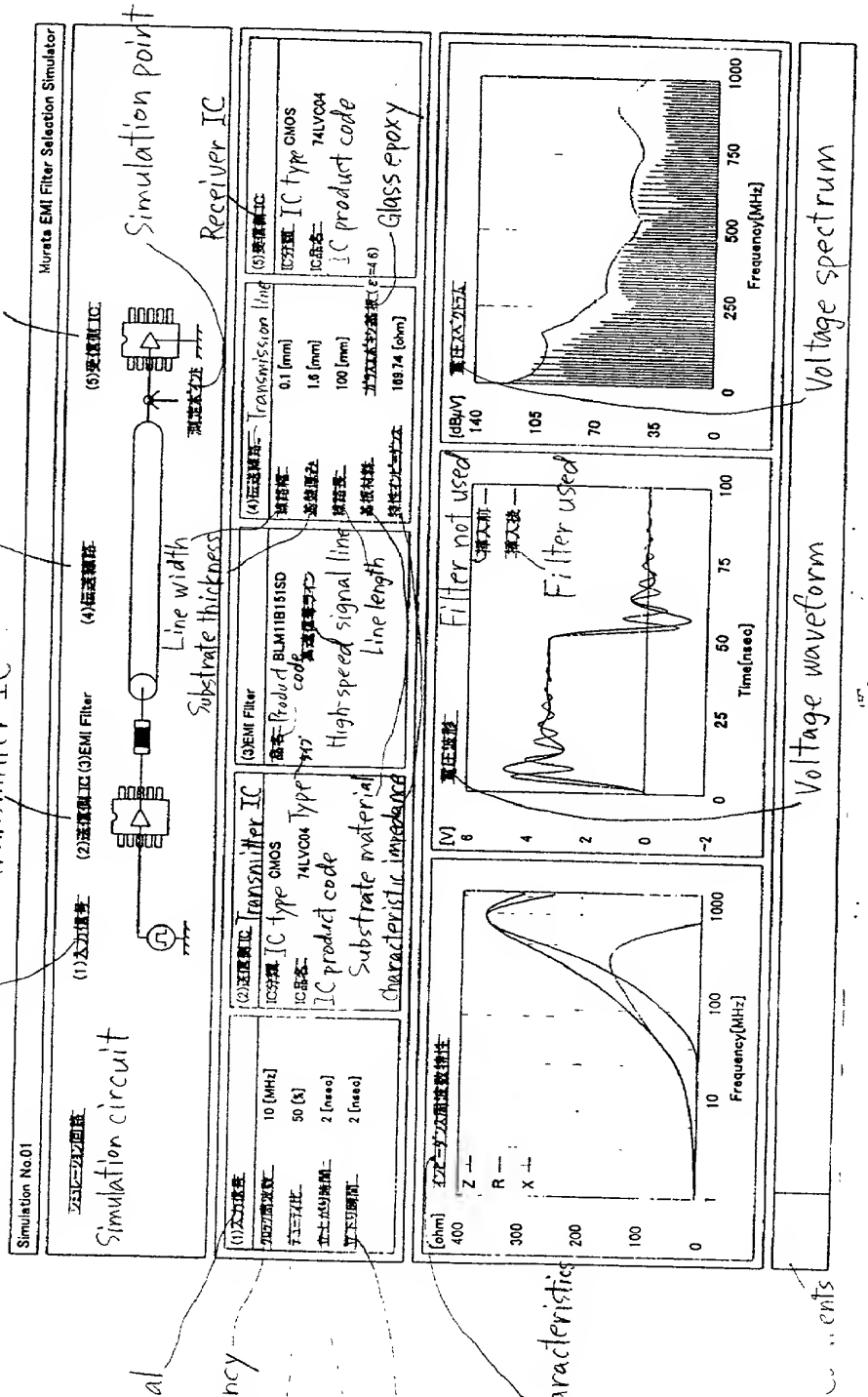

Voltage spectrum
Filter not used
Filter used
Voltage waveform
Filter not used
Filter used
Simulation
Chart
Window
Help
File
Impedance-frequency characteristics
Clock frequency
Impedance-frequency characteristics
Voltage waveform
Filter not used
Filter used
Voltage spectrum
Filter not used
Filter used
Start
Murata EMI Filter Se...
Frequency[MHz]
Time[nsec]

FIG. 7

【図８】



This software intends to provide an approximate simulation using a simple algorithm. For a more precise simulation, SPICE data should be used on a commercial simulator. For the SPICE data, please contact your nearest Murata sales office.

FIG. 8